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Item #RS1000, Freud 4 7/16 in Dia, 1 1/4 in Bore RS1000 & RS2000 Rail & Stile Door Systems

\$520.29

Thank you for shopping with us! Freud's revolutionary system for making cabinet doors combines the flexibility of standard insert tooling with the performance of resharpenable TiCO™ Hi-Density Carbide Knives. This gives cabinetmakers the ability to offer over 18 profiles of rail and stiles for cabinet doors at a fraction of the cost of fixed knife cutters. These cutters are packed with special features, such as: eased panel slot edges to prevent splintering and improve finishing, zero down time to switch from the moulding cut to the cope cut with matched reverse sets, and profiles that always match even after resharpening. The RS1000 set contains both cutter heads (RS-S, RS-R), groover knives (RS-K), and the glass door and back tenon knife (RS-L). Profile knives can be purchased separately. The RS2000 contains everything in the RS1000 plus nine different pairs of profile knives. Both sets come with a sample of a rail and stile and complete manual for easy set up. Additional heads can be purchased separately. RS-S Insert Cutter Head RS-R Insert Cutter Head RS-K Groover Knives for Head RS-R RS-L Glass Door and Back

Freud—Performance System® Shaper Cutters

The Performance System® Cost Advantage Over Conventional Fixed Cutters

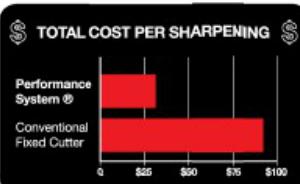
Cost Per Profile

Freud's Performance System® cutters are designed for maximum performance, flexibility and savings. When a new profile cutter is needed, the investment cost of the Performance System® drops well below that of conventional fixed wing cutters. With the Performance System®, all that is required is a set of profile knives. With conventional cutters a complete new cutter must be purchased. The graph to the right illustrates the savings of using this system.



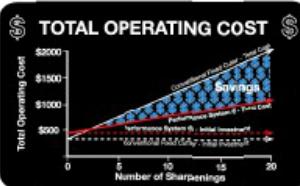
Operating Cost Per Sharpening

Freud's Performance System® cutters are less expensive to operate. With the patented sharpening system, all that is required is face grinding the insert knives on a surface grinder. This method is both fast and inexpensive. When the knives can no longer be sharpened, they are easily replaced. With conventional fixed wing cutters, a completely new cutter must be purchased. The chart to the right shows the Total Operating Cost Per Sharpening.



Total Operating Cost

When examining the overall operating cost of conventional fixed wing cutters vs. the savings with Freud's Performance System®, the amount saved grows rapidly. The chart to the right shows the true operating cost through twenty sharpenings. Freud's Performance System® makes up the difference in the initial investment well before the fifth sharpening. The longer it is used, the more the Performance System® investment pays off.



NOTE: To determine the operating cost the following parameters were used: The average cost to sharpen a conventional fixed cutter rail & stile set is \$29.00, and the average cost to sharpen a pair of knives is \$12.00. After five sharpenings the knives and fixed cutters were replaced and replaced. The Performance System® will last longer between sharpenings due to the system's ability to use a harder micrograin carbide. The cost for cutterheads, knives and conventional cutters is at list price.

Tenon Knife for Head RS-S



Back View of Tenon Joint

This system makes perfect tenon joints, even after it has been sharpened.

SPECIFICATIONS

Manufacturer	Freud Tools
Application	Creates over 18 profiles of rail & stiles for cabinet doors at a fraction of the cost of fixed knife cutters
Diameter	4 7/16 in
Bore	1 1/4 in
Material	Hardwood, softwood, MDF, plywood
Part Desc	Rail & Stile Door System
Rub Collar	RSC-0# (# determines bore size)